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# NORTH DAKOTA LABOR MARKET ADVISOR

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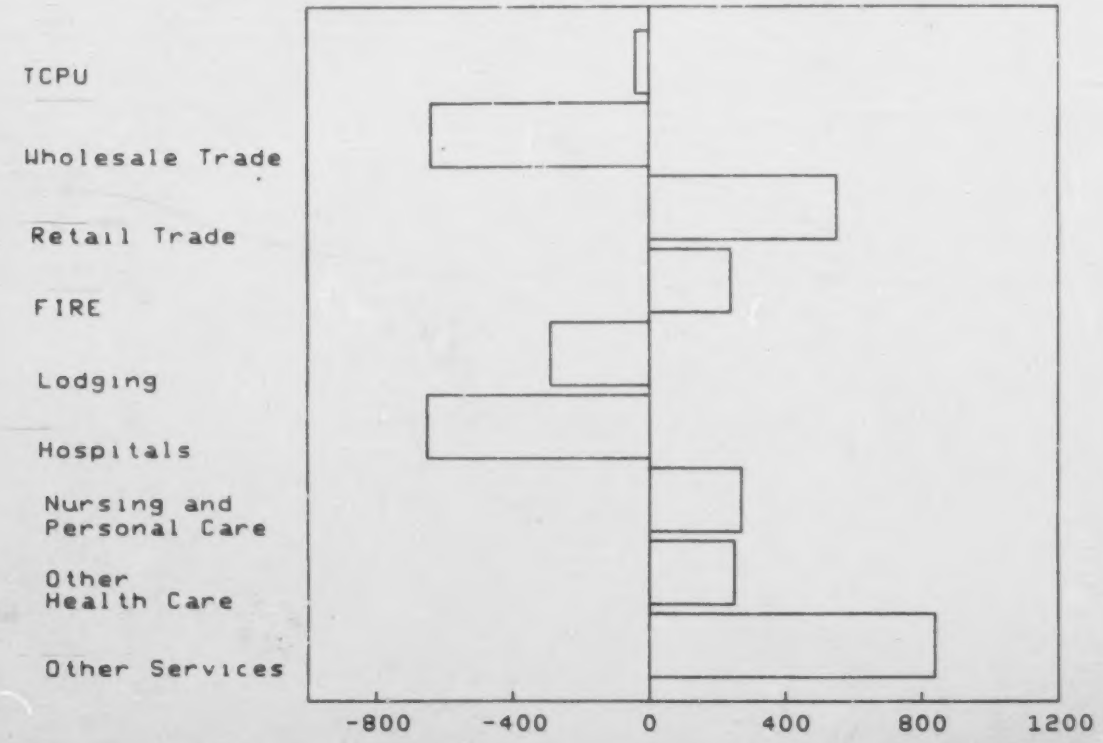
Net Change in Private Wage and Salary Jobs Among North Dakota's Services-Producing Industries 1984 to 1985



THE

# NORTH DAKOTA

# LABOR MARKET ADVISOR

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

JOB SERVICE NORTH DAKOTA
1000 EAST DIVIDE
BISMARCK, NORTH DAKOTA 58501

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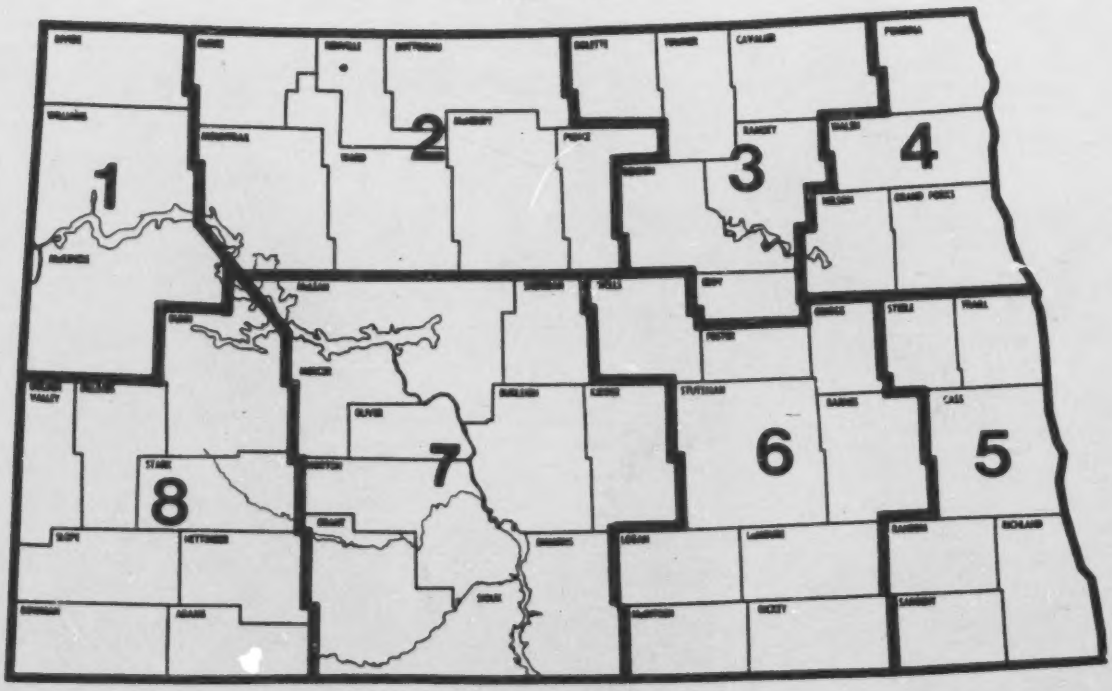
NORTH DAKOTA




STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

# THE CHARACTER GROWTH IN NORTH DAKOTA'S SERVICES-PRODUCING INDUSTRIES

Compared to goods-producing industries, services-producing industries at both the national and state level have experienced much higher job-growth rates. Higher job-growth rates are expected to characterize the future of the services-producing sector as well. A review of recent employment changes in the industries which make up this sector can provide us with a more concrete understanding of how North Dakota's labor market is being shaped. From 1984 to 1985, nonagricultural wage and salary employment declined by 1,260 jobs. However, employment in the services-producing sector grew by 530 jobs. Employment in retail trade increased by 550 jobs, and 240 jobs were added to finance, insurance, and real estate. These job gains were nearly offset by employment decreases of 40 jobs in transportation, communications, and public utilities, and by 640 jobs in wholesale trade. The growth in employment among service-producing industries, then, is confined to selected industries and does not appear to be broadly based. Business, personal, and recreation services, for example, grew by 840 jobs while lodging declined by 290 jobs between 1984 and 1985.

For several reasons, but in large part due to a new method the federal government uses to reimburse hospitals for medicare expenditures, employment growth in the health care industry appears to be slowing and changing direction in comparison to its recent historic trend.

Employment in hospitals rose from 11,640 jobs in 1980 to 13,200 jobs in 1983 (+13.4%). The number of jobs declined to 13,060 in 1984, and declined further in 1985 to 12,410 jobs. Over the same period, employment in nursing and personal care services, and in other health care services such as dentists offices continued to grow. Thus, although employment in hospitals declined during the two most recent years, employment in health care services as a whole continues to grow. And indications are that hospitals are beginning to bring more and more types of health care services, including nursing home services, into their firms, making the distinction between hospitals and many other types of specialized health care services less and less meaningful. Indeed, the transformation of the health care industry appears to be having an influence on the ". . . number of jobs, hours of work, skill levels, and mix of occupations . . ." found in hospitals according to study results published in a recent (August) article in the Bureau of Labor Statistics' Monthly Labor Review. A study of metropolitan hospitals suggests " . . . that the major impact of the decline in hospital employment is being felt in " . . . less skilled . . . occupations. . ." while employment growth continues to occur in technological specialties and in medical records occupations.

The health care industry provides us with a good example of the selective nature of employment growth in services-producing industries and illustrates the way in which the demand for skills is affected by technical innovation and a change in the direction of growth.

Employment growth in the services-producing industries, far from being a straightforward matter, has the potential of bringing about circumstances in the labor market that are both complex and novel.

Tom Gallagher
Research Analyst

## NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
## NORTH DAKOTA

| Industry | Current Month August 1986 | Previous Month July 1986 | One Year Ago August 1985 | Percent Change From One Month Ago July 1986 | Percent Change From One Year Ago August 1985 |
|---|---|---|---|---|---|
| TOTAL | 248,500 | 249,250 | 252,280 | -0.3% | -1.5% |
| MINING | 4,680 | 4,590 | 7,080 | 2.0% | -33.9% |
| Coal | 1,210 | 1,210 | 1,380 | 0.0% | -12.3% |
| Crude Petroleum & Natural Gas | 2,960 | 2,880 | 5,170 | 2.8% | -42.7% |
| Other Mining | 510 | 500 | 530 | 2.0% | -3.8% |
| CONSTRUCTION | 13,330 | 12,970 | 14,580 | 2.8% | -8.6% |
| Building Construction | 3,740 | 3,590 | 3,980 | 4.2% | -6.0% |
| Street, Highway & Heavy | 4,170 | 4,060 | 4,670 | 2.7% | -10.7% |
| Special Trade Construction | 5,420 | 5,320 | 5,930 | 1.9% | -8.6% |
| MANUFACTURING | 15,280 | 15,650 | 15,430 | -2.4% | -1.0% |
| Durable Goods | 6,440 | 6,460 | 6,710 | -0.3% | -4.0% |
| Stone, Clay, & Glass | 950 | 950 | 1,070 | 0.0% | -11.2% |
| Primary & Fabricated Metals | 670 | 670 | 690 | 0.0% | -2.9% |
| Machinery & Trans. Equipment | 3,720 | 3,710 | 3,930 | 0.3% | -5.3% |
| Other Durable Goods | 1,100 | 1,130 | 1,020 | -2.7% | 7.8% |
| Nondurable Goods | 8,840 | 9,190 | 8,720 | -3.8% | 1.4% |
| Food & Kindred Products | 4,230 | 4,580 | 4,190 | -7.6% | 1.0% |
| Dairy Products | 930 | 930 | 980 | 0.0% | -5.1% |
| Food Specialties & Confectionery Products | 1,130 | 1,510 | 1,130 | -25.2% | 0.0% |
| Bakery Products | 420 | 420 | 440 | 0.0% | -4.5% |
| Other Food & Kindred Products | 1,750 | 1,720 | 1,640 | 1.7% | 6.7% |
| Printing & Publishing | 2,390 | 2,400 | 2,390 | -0.4% | 0.0% |
| Other Nondurable Goods | 2,220 | 2,210 | 2,140 | 0.5% | 3.7% |
| TRANS., COMM. & UTILITIES | 15,510 | 15,550 | 16,400 | -0.3% | -5.4% |
| Transportation | 7,370 | 7,430 | 7,650 | -0.8% | -3.7% |
| Trucking & Warehousing | 4,070 | 4,110 | 4,170 | -1.0% | -2.4% |
| Other Transportation | 3,300 | 3,320 | 3,480 | -0.6% | -5.2% |
| Communications | 3,290 | 3,260 | 3,510 | 0.9% | -6.3% |
| Public Utilities | 4,850 | 4,860 | 5,240 | -0.2% | -7.4% |

## NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
## NORTH DAKOTA
(Continued)

| Industry | Current Month August 1986 | Previous Month July 1986 | One Year Ago August 1985 | Percent Change From One Month Ago July 1986 | Percent Change From One Year Ago August 1985 |
|---|---|---|---|---|---|
| WHOLESALE TRADE | 19,760 | 19,770 | 20,100 | -0.1% | -1.7% |
| Durable Goods | 9,600 | 9,640 | 10,000 | -0.4% | -4.0% |
| Nondurable Goods | 10,160 | 10,130 | 10,100 | 0.3% | 0.6% |
| RETAIL TRADE | 48,480 | 48,130 | 48,550 | 0.7% | -0.1% |
| General Merchandise | 5,910 | 5,860 | 5,930 | 0.9% | -0.3% |
| Food Stores | 6,710 | 6,650 | 6,640 | 0.9% | 1.1% |
| Auto Dealers & Service Stations | 6,880 | 6,870 | 6,830 | 0.1% | 0.7% |
| Apparel & Accessory Stores | 2,860 | 2,760 | 2,870 | 3.6% | -0.3% |
| Other Retail | 26,120 | 25,990 | 26,280 | 0.5% | -0.6% |
| FINANCE, INSURANCE, & REAL ESTATE | 12,730 | 12,690 | 12,650 | 0.3% | 0.6% |
| Finance | 6,930 | 6,910 | 6,880 | 0.3% | 0.7% |
| Banking | 4,320 | 4,300 | 4,380 | 0.5% | -1.4% |
| Other Finance | 2,610 | 2,610 | 2,500 | 0.0% | 4.4% |
| Insurance | 3,820 | 3,810 | 3,780 | 0.3% | 1.1% |
| Real Estate | 1,980 | 1,970 | 1,990 | 0.5% | -0.5% |
| SERVICES | 59,870 | 59,720 | 58,360 | 0.3% | 2.6% |
| Lodging | 4,270 | 4,250 | 4,490 | 0.5% | -4.9% |
| Nursing & Personal Care | 6,490 | 6,420 | 6,360 | 1.1% | 2.0% |
| Hospitals | 12,390 | 12,420 | 12,440 | -0.2% | -0.4% |
| Other Medical | 6,680 | 6,660 | 6,340 | 0.3% | 5.4% |
| Other Services | 30,040 | 29,970 | 28,730 | 0.2% | 4.6% |
| GOVERNMENT | 58,860 | 60,180 | 59,130 | -2.2% | -0.5% |
| Federal | 9,640 | 9,660 | 9,630 | -0.2% | 0.1% |
| State Government | 16,910 | 17,470 | 16,940 | -3.2% | -0.2% |
| Educational Services | 9,580 | 9,900 | 9,630 | -3.2% | -0.5% |
| Other State Government | 7,330 | 7,570 | 7,310 | -3.2% | 0.3% |
| Local Government | 32,310 | 33,050 | 32,560 | -2.2% | -0.8% |
| Educational Services | 12,980 | 13,330 | 12,890 | -2.6% | 0.7% |
| Other Local Government | 19,330 | 19,720 | 19,670 | -2.0% | -1.7% |

## NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
## METROPOLITAN STATISTICAL AREAS

| Industry | Current Month August 1986 | Previous Month July 1986 | One Year Ago August 1985 | Percent Change From One Month Ago July 1986 | Percent Change From One Year Ago August 1985 |
|---|---|---|---|---|---|
| **FARGO-MOORHEAD MSA** | | | | | |
| TOTAL | 65,800 | 65,840 | 64,900 | -0.1% | 1.4% |
| Mining & Construction | 3,860 | 3,660 | 4,110 | 5.5% | -6.1% |
| Manufacturing | 4,790 | 4,660 | 4,820 | 2.8% | -0.6% |
| Durable Goods | 1,930 | 1,820 | 2,000 | 6.0% | -3.5% |
| Nondurable Goods | 2,860 | 2,840 | 2,820 | 0.7% | 1.4% |
| Trans., Comm. & Utilities | 3,840 | 3,820 | 3,900 | 0.5% | -1.5% |
| Trade | 20,540 | 20,520 | 20,170 | 0.1% | 1.8% |
| Wholesale Trade | 6,790 | 6,820 | 6,770 | -0.4% | 0.3% |
| Retail Trade | 13,750 | 13,700 | 13,400 | 0.4% | 2.6% |
| Finance, Insurance & Real Estate | 4,470 | 4,470 | 4,300 | 0.0% | 4.0% |
| Services | 17,320 | 17,420 | 16,730 | -0.6% | 3.5% |
| Government | 10,980 | 11,290 | 10,870 | -2.7% | 1.0% |
| Federal | 2,140 | 2,130 | 2,050 | 0.5% | 4.4% |
| State & Local | 8,840 | 9,160 | 8,820 | -3.5% | 0.2% |
| **GRAND FORKS MSA** | | | | | |
| TOTAL | 27,770 | 28,290 | 27,490 | -1.8% | 1.0% |
| Mining & Construction | 2,000 | 2,010 | 1,940 | -0.5% | 3.1% |
| Manufacturing | 1,280 | 1,690 | 1,210 | -24.3% | 5.8% |
| Trans., Comm., & Utilities | 1,390 | 1,390 | 1,470 | 0.0% | -5.4% |
| Trade | 8,010 | 7,920 | 8,010 | 1.1% | 0.0% |
| Wholesale Trade | 1,400 | 1,400 | 1,430 | 0.0% | -2.1% |
| Retail Trade | 6,610 | 6,520 | 6,580 | 1.4% | 0.5% |
| Finance, Insurance, & Real Estate | 1,110 | 1,090 | 1,100 | 1.8% | 0.9% |
| Services | 6,250 | 6,300 | 5,990 | -0.8% | 4.3% |
| Government | 7,730 | 7,890 | 7,770 | -2.0% | -0.5% |
| **BISMARCK MSA** | | | | | |
| TOTAL | 36,290 | 35,790 | 36,300 | 1.4% | 0.0% |
| Mining | 200 | 200 | 210 | 0.0% | -4.8% |
| Construction | 1,670 | 1,630 | 1,910 | 2.5% | -12.6% |
| Manufacturing | 2,010 | 1,990 | 2,050 | 1.0% | -2.0% |
| Trans., Comm., & Utilities | 2,680 | 2,690 | 2,920 | -0.4% | -8.2% |
| Trade | 9,810 | 9,710 | 9,980 | 1.0% | -1.7% |
| Wholesale | 2,350 | 2,330 | 2,430 | 0.9% | -3.3% |
| Retail | 7,460 | 7,380 | 7,550 | 1.1% | -1.2% |
| Finance, Insurance, & Real Estate | 1,720 | 1,730 | 1,710 | -0.6% | 0.6% |
| Services | 10,170 | 9,910 | 9,720 | 2.6% | 4.6% |
| Government | 8,030 | 7,930 | 7,800 | 1.3% | 2.9% |

## U.S. CONSUMER PRICE INDEX
## ALL URBAN CONSUMERS

(1967=100)

| | Annual Average 1985 | Current Month August 1986 | Previous Month July 1986 | One Year Ago August 1985 | Percent Change From July 1986 | Percent Change From August 1985 |
|---|---|---|---|---|---|---|
| All Items | 322.2 | 328.6 | 328.0 | 323.5 | 0.2 | 1.6 |
| Food & Beverage | 302.0 | 314.6 | 312.2 | 301.8 | 0.8 | 4.2 |
| Housing | 349.9 | 362.4 | 361.5 | 352.9 | 0.2 | 2.7 |
| Apparel & Upkeep | 206.0 | 207.0 | 203.2 | 205.3 | 1.9 | 0.8 |
| Transportation | 319.9 | 301.3 | 304.7 | 320.7 | -1.1 | -6.0 |
| Medical Care | 403.1 | 437.5 | 434.8 | 406.6 | 0.6 | 7.6 |
| Entertainment | 265.0 | 274.7 | 274.4 | 265.7 | 0.1 | 3.4 |

## PRODUCER PRICE INDEX
## UNITED STATES AVERAGE

(1967=100)

| | Annual Average 1985 | Current Month August 1986 | Previous Month July 1986 | One Year Ago August 1985 | Percent Change From July 1986 | Percent Change From August 1985 |
|---|---|---|---|---|---|---|
| All Commodities | 308.8 | 297.2 | 297.7 | 307.5 | -0.2 | -3.3 |
| Farm Products & Processed Foods and Feeds | 250.5 | 256.2 | 255.6 | 244.0 | 0.2 | 5.0 |
| Industrial Commodities | 323.9 | 307.7 | 308.5 | 323.7 | -0.3 | -4.9 |

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | August 1986 | July 1986 | August 1985 | August 1986 | July 1986 | August 1985 | August 1986 | July 1986 | August 1985 |
| UNITED STATES | | | | | | | | | |
| Manufacturing | 393.98 | 390.74 | 384.35 | 40.7 | 40.2 | 40.5 | 9.68 | 9.72 | 9.49 |
| Durable Goods | 420.04 | 416.15 | 412.46 | 41.1 | 40.6 | 41.0 | 10.22 | 10.25 | 10.06 |
| Nondurable Goods | 358.49 | 356.51 | 345.39 | 40.1 | 39.7 | 39.7 | 8.94 | 8.98 | 8.70 |
| NORTH DAKOTA | | | | | | | | | |
| Manufacturing | 309.20 | 309.89 | 308.18 | 37.8 | 38.4 | 38.0 | 8.18 | 8.07 | 8.11 |
| Durable Goods | 336.54 | 338.35 | 329.91 | 39.5 | 39.9 | 39.7 | 8.52 | 8.48 | 8.31 |
| Nondurable Goods | 289.87 | 290.22 | 290.60 | 36.6 | 37.4 | 36.6 | 7.92 | 7.76 | 7.94 |
| Food & Kindred | 301.84 | 303.69 | 324.69 | 36.9 | 38.2 | 39.5 | 8.18 | 7.95 | 8.22 |
| Printing & Publishing | 268.92 | 259.25 | 270.91 | 31.9 | 30.9 | 32.6 | 8.43 | 8.39 | 8.31 |
| FARGO-MOORHEAD MSA | | | | | | | | | |
| Manufacturing | 299.98 | 306.36 | 313.69 | 35.5 | 37.0 | 37.3 | 8.45 | 8.28 | 8.41 |
| Durable Goods | 291.33 | 309.08 | 315.98 | 35.1 | 38.3 | 38.3 | 8.30 | 8.07 | 8.25 |
| Nondurable Goods | 305.24 | 304.80 | 312.68 | 35.7 | 36.2 | 36.7 | 8.55 | 8.42 | 8.52 |

## LABOR FORCE, BY COUNTY, BY REGION

| County | Labor Force | | | Employment | | | Unemployment | | | Rate | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | August 1986 | July 1986 | August 1985 | August 1986 | July 1986 | August 1985 | August 1986 | July 1986 | August 1985 | Aug. 1986 | July 1986 | Aug. 1985 |
| Divide | 1,920 | 1,903 | 2,033 | 1,827 | 1,797 | 1,973 | 93 | 106 | 60 | 4.8 | 5.6 | 3.0 |
| McKenzie | 4,133 | 4,345 | 4,462 | 3,831 | 4,030 | 4,304 | 302 | 315 | 158 | 7.3 | 7.2 | 3.5 |
| Williams | 14,383 | 14,759 | 15,448 | 12,445 | 12,755 | 14,498 | 1,938 | 2,004 | 950 | 13.5 | 13.6 | 6.1 |
| REGION 1 TOTAL | 20,436 | 21,007 | 21,943 | 18,103 | 18,582 | 20,775 | 2,333 | 2,425 | 1,168 | 11.4 | 11.5 | 5.3 |
| Bottineau | 4,235 | 4,328 | 4,528 | 3,993 | 4,042 | 4,293 | 242 | 286 | 235 | 5.7 | 6.6 | 5.2 |
| Burke | 1,820 | 1,808 | 1,850 | 1,659 | 1,651 | 1,737 | 161 | 157 | 113 | 8.8 | 8.7 | 6.1 |
| McHenry | 3,518 | 3,484 | 3,569 | 3,162 | 3,044 | 3,263 | 356 | 440 | 306 | 10.1 | 12.6 | 8.6 |
| Mountrail | 4,148 | 4,070 | 3,806 | 3,769 | 3,661 | 3,547 | 379 | 409 | 259 | 9.1 | 10.0 | 6.8 |
| Pierce | 3,023 | 3,066 | 3,124 | 2,922 | 2,929 | 3,024 | 101 | 137 | 100 | 3.3 | 4.5 | 3.2 |
| Renville | 1,778 | 1,807 | 1,723 | 1,654 | 1,646 | 1,637 | 124 | 161 | 86 | 7.0 | 8.9 | 5.0 |
| Ward | 26,717 | 27,116 | 26,831 | 25,277 | 25,383 | 25,398 | 1,440 | 1,733 | 1,433 | 5.4 | 6.4 | 5.3 |
| REGION 2 TOTAL | 45,239 | 45,679 | 45,431 | 42,436 | 42,356 | 42,899 | 2,803 | 3,323 | 2,532 | 6.2 | 7.3 | 5.6 |
| Benson | 3,884 | 3,791 | 3,928 | 3,600 | 3,500 | 3,634 | 284 | 291 | 294 | 7.3 | 7.7 | 7.5 |
| Cavalier | 3,231 | 3,130 | 3,365 | 3,119 | 2,988 | 3,232 | 112 | 142 | 133 | 3.5 | 4.5 | 4.0 |
| Eddy | 1,802 | 1,742 | 1,809 | 1,714 | 1,620 | 1,717 | 88 | 122 | 92 | 4.9 | 7.0 | 5.1 |
| Ramsey | 7,061 | 7,002 | 7,103 | 6,845 | 6,714 | 6,828 | 216 | 288 | 275 | 3.1 | 4.1 | 3.9 |
| Rolette | 5,681 | 5,935 | 5,523 | 4,946 | 5,097 | 4,902 | 735 | 838 | 621 | 12.9 | 14.1 | 11.2 |
| Towner | 2,025 | 2,056 | 2,222 | 1,983 | 1,992 | 2,161 | 42 | 64 | 61 | 2.1 | 3.1 | 2.7 |
| REGION 3 TOTAL | 23,684 | 23,656 | 23,950 | 22,207 | 21,911 | 22,474 | 1,477 | 1,745 | 1,476 | 6.2 | 7.4 | 6.2 |
| Grand Forks | 35,006 | 35,957 | 34,995 | 33,565 | 34,600 | 33,737 | 1,441 | 1,357 | 1,258 | 4.1 | 3.8 | 3.6 |
| Nelson | 2,455 | 2,405 | 2,602 | 2,364 | 2,268 | 2,501 | 91 | 137 | 101 | 3.7 | 5.7 | 3.9 |
| Pembina | 6,012 | 6,369 | 6,120 | 5,559 | 5,872 | 5,708 | 453 | 497 | 412 | 7.5 | 7.8 | 6.7 |
| Walsh | 9,185 | 9,228 | 9,265 | 8,724 | 8,717 | 8,836 | 461 | 511 | 429 | 5.0 | 5.5 | 4.6 |
| REGION 4 TOTAL | 52,658 | 53,959 | 52,982 | 50,212 | 51,457 | 50,782 | 2,446 | 2,502 | 2,200 | 4.6 | 4.6 | 4.2 |
| Cass | 54,932 | 55,656 | 54,688 | 53,135 | 53,537 | 52,960 | 1,797 | 2,119 | 1,728 | 3.3 | 3.8 | 3.2 |
| Ransom | 3,215 | 3,158 | 3,235 | 3,150 | 3,070 | 3,129 | 65 | 88 | 106 | 2.0 | 2.8 | 3.3 |
| Richland | 9,514 | 9,283 | 9,493 | 9,101 | 8,855 | 8,924 | 413 | 428 | 569 | 4.3 | 4.6 | 6.0 |
| Sargent | 3,046 | 2,959 | 3,142 | 2,912 | 2,816 | 3,025 | 134 | 143 | 117 | 4.4 | 4.8 | 3.7 |
| Steele | 1,613 | 1,586 | 1,705 | 1,564 | 1,500 | 1,664 | 49 | 86 | 41 | 3.0 | 5.4 | 2.4 |
| Traill | 5,078 | 5,030 | 5,157 | 4,830 | 4,690 | 4,861 | 248 | 340 | 296 | 4.9 | 6.8 | 5.7 |
| REGION 5 TOTAL | 77,398 | 77,672 | 77,420 | 74,692 | 74,468 | 74,563 | 2,706 | 3,204 | 2,857 | 3.5 | 4.1 | 3.7 |

## LABOR FORCE, BY COUNTY, BY REGION

| County | Labor Force | | | Employment | | | Unemployment | | | Rate | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | August 1986 | July 1986 | August 1985 | August 1986 | July 1986 | August 1985 | August 1986 | July 1986 | August 1985 | Aug. 1986 | July 1986 | Aug. 1985 |
| Barnes | 6,669 | 6,577 | 6,875 | 6,471 | 6,356 | 6,584 | 198 | 221 | 291 | 3.0 | 3.4 | 4.2 |
| Dickey | 3,996 | 3,889 | 4,062 | 3,903 | 3,771 | 3,943 | 93 | 118 | 119 | 2.3 | 3.0 | 2.9 |
| Foster | 2,555 | 2,522 | 2,580 | 2,444 | 2,387 | 2,492 | 111 | 135 | 88 | 4.3 | 5.4 | 3.4 |
| Griggs | 1,930 | 1,880 | 1,939 | 1,884 | 1,817 | 1,882 | 46 | 63 | 57 | 2.4 | 3.4 | 2.9 |
| La Moure | 3,092 | 2,992 | 3,196 | 3,003 | 2,869 | 3,111 | 89 | 123 | 85 | 2.9 | 4.1 | 2.7 |
| Logan | 1,962 | 1,949 | 1,949 | 1,896 | 1,897 | 1,878 | 66 | 52 | 71 | 3.4 | 2.7 | 3.6 |
| McIntosh | 2,811 | 2,736 | 2,892 | 2,739 | 2,631 | 2,812 | 72 | 105 | 80 | 2.6 | 3.8 | 2.8 |
| Stutsman | 13,472 | 13,694 | 13,710 | 12,928 | 13,119 | 13,227 | 544 | 575 | 483 | 4.0 | 4.2 | 3.5 |
| Wells | 3,529 | 3,472 | 3,666 | 3,395 | 3,295 | 3,499 | 134 | 177 | 167 | 3.8 | 5.1 | 4.6 |
| REGION 6 TOTAL | 40,016 | 39,711 | 40,869 | 38,663 | 38,142 | 39,428 | 1,353 | 1,569 | 1,441 | 3.4 | 4.0 | 3.5 |
| Burleigh | 32,000 | 32,367 | 32,439 | 30,093 | 30,272 | 30,517 | 1,907 | 2,095 | 1,922 | 6.0 | 6.5 | 5.9 |
| Emmons | 2,878 | 2,790 | 2,957 | 2,745 | 2,635 | 2,828 | 133 | 155 | 129 | 4.6 | 5.6 | 4.4 |
| Grant | 2,724 | 2,661 | 2,826 | 2,591 | 2,507 | 2,707 | 133 | 154 | 119 | 4.9 | 5.8 | 4.2 |
| Kidder | 2,119 | 2,087 | 2,043 | 1,950 | 1,893 | 1,942 | 169 | 194 | 101 | 8.0 | 9.3 | 4.9 |
| McLean | 5,331 | 5,268 | 5,628 | 4,906 | 4,796 | 5,208 | 425 | 472 | 420 | 8.0 | 9.0 | 7.5 |
| Mercer | 6,032 | 6,015 | 7,333 | 5,420 | 5,322 | 6,652 | 612 | 693 | 681 | 10.1 | 11.5 | 9.3 |
| Morton | 14,361 | 14,528 | 14,720 | 13,52[illegible] | 13,602 | 13,712 | 840 | 926 | 1,008 | 5.8 | 6.4 | 6.8 |
| Oliver | 1,609 | 1,576 | 1,372 | 1,518 | 1,470 | 1,263 | 91 | 106 | 109 | 5.7 | 6.7 | 7.9 |
| Sheridan | 1,785 | 1,673 | 1,740 | 1,684 | 1,597 | 1,685 | 101 | 76 | 55 | 5.7 | 4.5 | 3.2 |
| Sioux | 1,535 | 1,474 | 1,454 | 1,301 | 1,247 | 1,262 | 234 | 227 | 192 | 15.2 | 15.4 | 13.2 |
| REGION 7 TOTAL | 70,374 | 70,439 | 72,512 | 65,729 | 65,341 | 67,776 | 4,645 | 5,098 | 4,736 | 6.6 | 7.2 | 6.5 |
| Adams | 2,120 | 2,077 | 2,141 | 2,040 | 2,003 | 2,096 | 80 | 74 | 45 | 3.8 | 3.6 | 2.1 |
| Billings | 1,283 | 1,295 | 1,202 | 1,253 | 1,259 | 1,183 | 30 | 36 | 19 | 2.3 | 2.8 | 1.6 |
| Bowman | 2,743 | 2,659 | 2,903 | 2,555 | 2,494 | 2,762 | 188 | 165 | 141 | 6.9 | 6.2 | 4.9 |
| Dunn | 3,006 | 2,462 | 2,690 | 2,819 | 2,269 | 2,523 | 187 | 193 | 167 | 6.2 | 7.8 | 6.2 |
| Golden Valley | 1,266 | 1,215 | 1,490 | 1,217 | 1,152 | 1,424 | 49 | 63 | 66 | 3.9 | 5.2 | 4.4 |
| Hettinger | 2,589 | 2,526 | 2,640 | 2,442 | 2,393 | 2,570 | 147 | 133 | 70 | 5.7 | 5.3 | 2.7 |
| Slope | 750 | 747 | 764 | 696 | 614 | 725 | 54 | 133 | 39 | 7.2 | 17.8 | 5.1 |
| Stark | 13,457 | 13,600 | 14,018 | 12,275 | 12,265 | 13,145 | 1,182 | 1,335 | 873 | 8.8 | 9.8 | 6.2 |
| REGION 8 TOTAL | 27,214 | 26,581 | 27,848 | 25,297 | 24,449 | 26,428 | 1,917 | 2,132 | 1,420 | 7.0 | 8.0 | 5.1 |
| STATE TOTAL | 357,019 | 358,704 | 362,955 | 337,339 | 336,706 | 345,125 | 19,680 | 21,998 | 17,830 | 5.5 | 6.1 | 4.9 |

## LABOR FORCE
## NORTH DAKOTA AND MSA'S

| | Current Month August 1986 | Previous Month July 1986 | One Year Ago August 1985 | Percent Change From July 1986 | Percent Change From August 1985 |
|---|---|---|---|---|---|
| UNITED STATES (In Thousands) | | | | | |
| Labor Force | 119,879 | 119,744 | 117,069 | 0.1 | 2.4 |
| Employment | 111,852 | 111,554 | 108,936 | 0.3 | 2.7 |
| Unemployment | 8,027 | 8,190 | 8,133 | -2.0 | -1.3 |
| Unemployment Rate | 6.7% | 6.8% | 6.9% | XX | XX |
| NORTH DAKOTA | | | | | |
| Labor Force | 357,020 | 358,710 | 362,960 | -0.5 | -1.6 |
| Employment | 337,340 | 336,710 | 345,130 | 0.2 | -2.3 |
| Unemployment | 19,680 | 22,000 | 17,830 | -10.5 | 10.4 |
| Unemployment Rate | 5.5% | 6.1% | 4.9% | XX | XX |
| FARGO-MOORHEAD MSA | | | | | |
| Labor Force | 81,480 | 82,460 | 81,030 | -1.2 | 0.6 |
| Employment | 78,820 | 79,170 | 78,120 | -0.4 | 0.9 |
| Unemployment | 2,660 | 3,290 | 2,910 | -19.1 | -8.6 |
| Unemployment Rate | 3.3% | 4.0% | 3.6% | XX | XX |
| GRAND FORKS MSA | | | | | |
| Labor Force | 35,000 | 35,960 | 35,000 | -2.7 | -0- |
| Employment | 33,560 | 34,600 | 33,740 | -3.0 | -0.5 |
| Unemployment | 1,440 | 1,360 | 1,260 | 5.9 | 14.3 |
| Unemployment Rate | 4.1% | 3.8% | 3.6% | XX | XX |
| BISMARCK MSA | | | | | |
| Labor Force | 46,360 | 46,890 | 47,160 | -1.1 | -1.7 |
| Employment | 43,610 | 43,870 | 44,230 | -0.6 | -1.4 |
| Unemployment | 2,750 | 3,020 | 2,930 | -8.9 | -6.1 |
| Unemployment Rate | 5.9% | 6.4% | 6.2% | XX | XX |

U.S. data seasonally adjusted, other data not seasonally adjusted.

The Fargo-Moorhead Metropolitan Statistical Area (MSA) includes Cass and Clay Counties; the Grand Forks MSA includes Grand Forks County; and the Bismarck MSA includes Burleigh and Morton Counties.

## BORDERING STATE LABOR FORCE COMPARISONS
## JULY 1986
(In Thousands)

| | NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 358.7 | 363.7 | 2,259.9 | 411.9 |
| Employment | 336.7 | 348.7 | 2,148.8 | 382.0 |
| Unemployment | 22.0 | 15.0 | 111.1 | 29.9 |
| Unemployment Rate | 6.1 | 4.1 | 4.9 | 7.3 |

# DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which includes the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work, except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay for, the pay period which includes the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street S
Phone: 237-7113

JAMESTOWN
429 Second Street SW
Phone: 251-2256

VALLEY CITY
2425 W Main
Phone: 845-7261

BEULAH
118 W Main
Phone: 873-5607

DEVILS LAKE
301 College Drive
Phone: 662-2181

GRAND FORKS
2016 S Washington
Phone: 777-3711

MANDAN
501 First Street NW
Phone: 663-6461

WAHPETON
524 Second Avenue N
Phone: 671-2711

ROLLA
6 NW First Street
Phone: 477-5631

NEW TOWN
Tribal Administration Bldg.
Phone: 627-4390

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue S
Phone: 352-2202

MINOT
3416 N Broadway
Phone: 852-2164

WILLISTON
422 First Avenue W
Phone: 572-7771

NDSU--Fargo
Placement Bureau
Memorial Union Building
Phone: 237-7111

UND--Grand Forks
Room 141
McCannel Hall
Phone: 777-3904

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Research and Statistics
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